

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/025366

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04N7/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, IBM-TDB, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>CHRISTINA GOMILA, ALEXANDER KOBILANSKY: "SEI message for film grain encoding" JVT OF ISO IEC MPEG AND ITU-T VCEG JVT-H022, 23 May 2003 (2003-05-23), pages 1-14, XP002308742 GENEVA, SWITZERLAND abstract page 1, last paragraph - page 6, line 25; figures 1,2 page 8, paragraph 4 - page 9, paragraph 2; figure 8</p> <p style="text-align: center;">----- -/--</p>	1-32

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

7 December 2004

Date of mailing of the International search report

07/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Heising, G

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/025366

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SCHOYER M K N ET AL: "Block position dithering in DCT-coded sequences" SIGNAL PROCESSING. IMAGE COMMUNICATION, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 8, no. 6, September 1996 (1996-09), pages 545-549, XP004047116 ISSN: 0923-5965 abstract	1-6,9, 10, 12-14, 17-20, 22-32
A	page 548, right-hand column, paragraph 2	7,8,11, 15,16,21
X	----- US 5 450 098 A (OZ RAN) 12 September 1995 (1995-09-12) abstract	1-4,11, 12,20,32 5-10, 13-19, 21-31
A	column 5, line 19 - column 8, line 7; figures 1b,3,4	
X,P	----- CHRISTINA GOMILA: "SEI message for film grain encoding: syntax and results" JVT OF ISO IEC MPEG AND ITU-T VCEG JVT-I013 REVISION 2, 2 September 2003 (2003-09-02), pages 1-11, XP002308743 SAN DIEGO, CA, USA	11
A	page 1, line 1 - page 5, last paragraph	1-10, 12-32
A	----- GREG CONKLIN, NEELESH GOKHALE: "Dithering 5-tap Filter for Inloop Deblocking" JVT OF ISO IEC MPEG AND ITU-T VCEG JVT-C056, 6 May 2002 (2002-05-06), - 10 May 2004 (2004-05-10) pages 21-16, XP002308744 FAIRFAX, VIRGINIA, USA	1-32
A	page 1, line 1 - page 2, last paragraph	
A	----- J.-R. OHM: "Digitale Bildcodierung, Statistische und Inhaltsorientierte Bildmodelle (Kapitel 4.1-4.2)" 1995, SPRINGER-VERLAG, BERLIN HEIDELBERG NEW YORK, XP002309350 page 97, line 1 - page 100, line 10. page 103, last paragraph - page 105, paragraph 1	1-32

Information on patent family members

PCT/US2004/025366

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5450098	A	12-09-1995	NONE